



Serial No. 09/347,560

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RD-24,997

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

John E. Hershey, et al.

Serial No.: 09/347,560

Filed: July 6, 1999

For: CODER AND CODING METHOD FOR  
USE IN SPREAD SPECTRUM  
COMMUNICATIONS SYSTEMS

:

:

: Group Art Unit: 2634

: Examiner: Liu, Shuwang

: Response to Paper No. 6

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### AMENDMENT AND RESPONSE

Honorable Commissioner of Patents and Trademarks,  
Washington, DC 20231

S I R:

In response to the Office Action dated September 24, 2002, please amend the above-identified application as follows:

#### IN THE SPECIFICATION:

On page 3, lines 27-36, please replace the paragraph with the replacement paragraph provided (a marked up copy of the replacement paragraph is provided in the ATTACHMENT):

A typical spread spectrum system 10 comprises a generator 20 for generating spread spectrum carrier signals, such as GHM signals or spreading codes, a modulator 16 such as a multiplier, for modulating the carrier with a data signal, a digital to analog converter 22, and a bandpass filter 24. In one embodiment of the present invention, the generator 20 generates GHM signals according to techniques described in U.S. Patent 5,519,725, incorporated by reference hereinabove. In GHM applications for communicating via a